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POLICY DIRECTIVE


COMMISSIONER

MEASURES TO COMBAT DRIVER FATIGUE AND ENHANCE SAFETY

This Policy Directive supersedes Policy Directive P-96-004, dated November 12, 1996.

In an effort to combat driver fatigue and enhance driver safety, the Department requires several safety improvement measures on its roadways. These measures include milled rumble strips along edge lines, radar detector activators, wide pavement marking lines, and snowplowable raised pavement markers.

Effective immediately, all Interstate and NHS resurfacing and reconstruction projects, as well as all new construction projects that meet the following criteria, shall include the appropriate items for these safety improvement measures. These items shall conform to the following requirements:

Milled Rumble Strips

Milled rumble strips shall be installed along edge lines on all state highways and roadways as they are resurfaced or reconstructed, with the following criteria:

- a) The posted speed limit of the roadway is 40 MPH or greater.
- b) The roadway is not in a residential or heavy commercial area.
- c) In areas with paved outside shoulders of 2.5 m (8 feet) or more, rumble strips shall be installed near the center of the shoulder where possible, leaving a 1.25 m (4 foot) clear space for bicycles. This will also allow the shoulder to be used for travel if one of the travel lanes is closed.
- d) In areas where the paved outside shoulder (breakdown lane) is used as a travel lane during certain hours, rumble strips shall only be installed within the paved inside shoulder.

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- e) For deceleration and/or acceleration lanes with no paved outside shoulder, the rumble strips shall be terminated at the beginning of the deceleration lane and/or initiated at the end of the acceleration lane.
- f) The minimum distance for rumble strip application is 800 m (0.5 miles).
- g) No rumble strips shall be used within a 15 m (50 foot) buffer on both sides of intersections and major driveways.
- h) Rumble strips shall not be installed on bridge decks.

Radar Detector Activators (“Drone” Radar Units)

Radar Detector Activators shall be used on all construction projects on full access control highways, and on other highways with posted speed limits of 50 MPH or greater.

Radar Detector Activators shall conform to the most recent Department specifications for such items.

Pavement Marking Widths

On all state highways, the following shall apply:

- a) The width of all longitudinal pavement markings (lane lines and edge lines) shall be 150 mm (6 inches).
- b) The width of channelizing lines at gore areas shall be 300 mm (12 inches).
- c) The width of transverse lines/chevrons used in gore areas shall be 300 mm (12 inches).

Snowplowable Raised Pavement Markers

Snowplowable raised pavement markers shall be installed on all state highways that meet the following criteria:

- a) Along the lane lines on full access control highways.
- b) Along the lane lines of all multi-lane, non-divided highways with posted speed limits of 40 MPH or greater.
- c) Along the centerline of non-divided highways with posted speed limits of 40 MPH or greater.
- d) Along channelizing lines of full access control highways at exit and entrance ramp gores.
- e) Along the left edge line of exit and entrance ramps.
- f) Snowplowable raised pavement markers shall not be installed on bridge decks.